

ABSTRACTsub a²

Improved efficiency in transmission of FGS encoded video data is achieved by reducing the transmission of overhead information items necessary to decode the received video data. After establishing an initial or first set of criteria for selectively enhancing areas within an image, each subsequent transmission frame includes an indicator that informs a receiving system to decode the current frame using the previously established criteria. In one aspect of the invention, the initial criteria are shift factor values specifying selectively enhanced areas of an image. In another aspect of the invention, the criteria include position, displacement vector, size and enhancement factor for at least one area of interest within an image. In still another aspect of the invention, the criteria are known fixed values contained at both the transmitting and receiving systems.

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